Title (en)
PROCESSING AIDS FOR WEBS, INCLUDING ELECTRET WEBS

Title (de)
VERARBEITUNGSHILFE FÜR BAHNMATERIALIEN, EINSCHLIESSLICH ELEKTRET-BAHNMATERIAL

Title (fr)
ADJUVANTS DE FABRICATION POUR TOILES, COMPRENANT DES TOILES D'ÉLECTRET

Publication
EP 2414576 B1 20161109 (EN)

Application
EP 10759281 A 20100330

Priority
• US 2010029157 W 20100330
• US 16641109 P 20090403

Abstract (en)
[origin: WO2010114820A2] Methods of preparing polymeric webs include hot melt blending of thermoplastic resins and processing aids. The process aids include hindered amine N-substituted succinimide oligomers. The webs prepared from the blends may be in the form of films or non-woven fibrous webs. Non-woven microfiber webs are useful as filtration media. Among the polymeric webs produced are electret webs. The processing aids also function as charge-enhancing additives for the electret webs.

IPC 8 full level
D04H 3/007 (2012.01); **D01F 1/09** (2006.01); **D01F 1/10** (2006.01); **D04H 1/42** (2012.01); **D04H 1/4291** (2012.01); **D04H 1/54** (2012.01); **D04H 3/14** (2012.01); **D04H 3/16** (2006.01)

CPC (source: EP KR US)
B01D 39/1623 (2013.01 - EP KR US); **C08F 2/00** (2013.01 - KR); **D01D 5/0985** (2013.01 - EP KR US); **D01F 1/10** (2013.01 - EP KR US); **D01F 6/04** (2013.01 - EP KR US); **D04H 1/4291** (2013.01 - EP KR US); **D04H 1/54** (2013.01 - EP KR US); **D04H 3/007** (2013.01 - EP KR US); **D04H 3/16** (2013.01 - EP KR US); B01D 2239/0435 (2013.01 - EP KR US); B01D 2239/086 (2013.01 - EP US); C08F 2/00 (2013.01 - US); D10B 2505/04 (2013.01 - KR); Y10T 29/49226 (2015.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

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WO 2010114820 A2 20101007; **WO 2010114820 A3 20110210**; AU 2010232746 A1 20111117; AU 2010232746 B2 20130523; BR PI1006343 A2 20210629; BR PI1006343 B1 20220201; CN 102439209 A 20120502; CN 102439209 B 20141029; EP 2414576 A2 20120208; EP 2414576 A4 20131127; EP 2414576 B1 20161109; JP 2012522909 A 20120927; JP 5706876 B2 20150422; KR 101679894 B1 20161125; KR 20120006528 A 20120118; MX 2011010443 A 20111024; PL 2414576 T3 20170531; RU 2475575 C1 20130220; US 2012090614 A1 20120419; US 9284669 B2 20160315

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